

Approved For Release 2006/11/08 : CIA-RDP02T06408R000400010019-6

Declass Review by NGA

~~TOP SECRET~~

PHOTOGRAPHIC INTERPRETATION REPORT



CHRONOLOGY OF
ARMS MACHINE AND STEEL PLANT 235
VOTKINSK, USSR

NOVEMBER 1967
COPY 107
5 PAGES

25X1

25X1

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

TOP SECRET

Approved For Release 2006/11/08 : CIA-RDP02T06408R000400010019-6

Page Denied

CHRONOLOGY OF ARMS MACHINE AND STEEL PLANT 235, VOTKINSK, USSR

INTRODUCTION

This report is a chronological study, based on [REDACTED] photography, of Arms Machine and Steel Plant 235 (BE No [REDACTED] which is located near the center of Votkinsk, USSR, at 57-02-40N 053-59-00E (Figure 1). Due to the small scale and poor interpretability of the early coverage of the plant a chronology of the road and rail development within it has not been attempted. All item numbers in this report refer to Table 1 and Figure 2.

Plant 235 has been reported as producing heavy-caliber guns. 1/ Recent identification of possible SCUD missile crates indicates that this plant may be involved in the production of missiles/missile components. The main plant is road and rail served, and it is enclosed by a continuous wall (Figures 2 and 3). The outlying areas of the plant are separately secured. No special security measures are evident.

A road- and rail-served walled storage area (Area 1, Figure 2) containing considerable open storage and several large warehouses is located near the south end of the main walled area of the plant. Outside one of the warehouses (item 21) 10 possible SCUD missile crates are evident which measure approximately 35 by 5 feet as compared to those previously identified within a rail-served walled area (item 69) of the plant and which measure approximately [REDACTED] 5 feet. The average measurements of the crates in the 2 areas indicate a small difference in length; however, these measurements are accurate only to plus-or-minus [REDACTED] in length and [REDACTED] in width and are probably of the same-size objects. The SCUD B missile measures [REDACTED] feet in length (without warhead) and is [REDACTED] feet in diameter.

Three smaller walled areas (Areas 2, 3, and 4) are located southeast of the main plant area. These areas are rail connected to the main area and apparently are functionally related to the plant. A petroleum storage area which

is not necessarily part of the plant is also located outside the main walled area. Steamlines run from the plant to this area.

The plant roof cover has increased about 10 percent since it was first observed in late 1961. Large fabrication/assembly buildings (items 68, 70, 72, 76, and 98) constitute the principal construction since that time. As of the date of this report, the total roof cover of the plant is approximately [REDACTED] square feet.

HIGHLIGHTS OF CHRONOLOGY

1961

The plant was in existence prior to the earliest [REDACTED] KH-4 coverage of the area. At that time

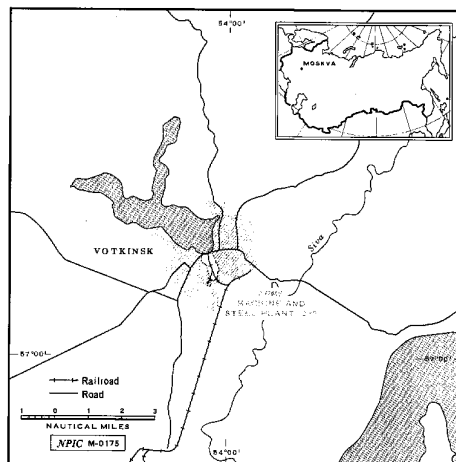


FIGURE 1. LOCATION MAP.

the plant appeared to be complete and operational, and no new construction activity was evident. Most of the buildings in Area 1 were present, Areas 2 and 4 appeared complete, and Area 3 was nearly complete.

1962

One large fabrication/assembly building (item 72) had been added.

1963

Coverage of good interpretability of [REDACTED] revealed that 1 large and 1 medium-sized fabrication/assembly building (items 70 and 98) had been added. Construction had been started on another large fabrication/assembly building (item 76). Seventeen small buildings were observed which had not been discernible on previous coverage.

1964-1965

No significant changes or additions were observed.

1966

Item 76 (the fabrication/assembly building previously under construction) and 3 small buildings had been completed.

1967

An additional bay on item 68 (a fabrication/assembly building) had been completed, and an additional bay on a shop-type building (item 97) was apparently under construction.

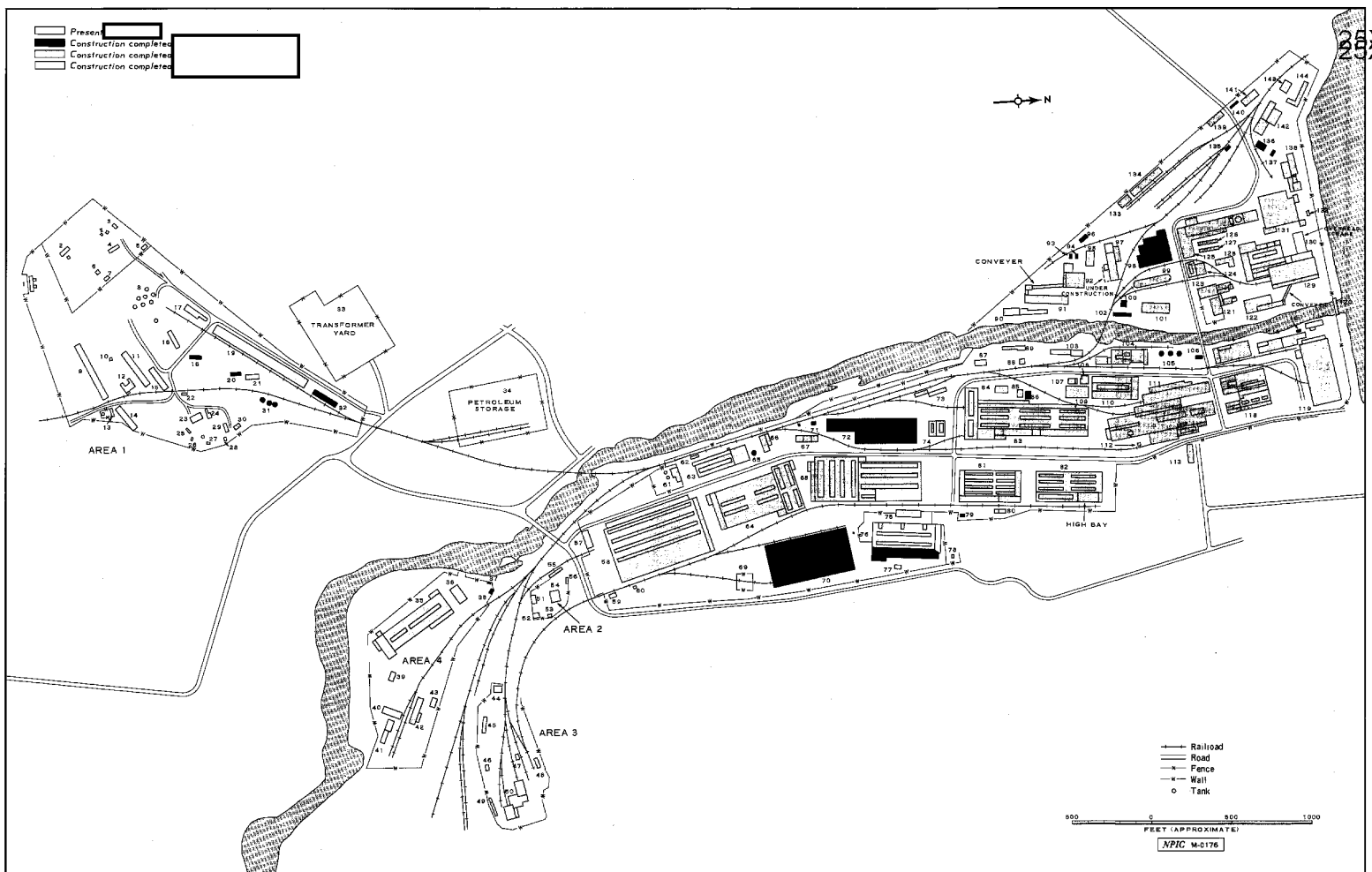


FIGURE 2. LAYOUT OF ARMS MACHINE AND STEEL PLANT 235, VOTKINSK, USSR.

725*1

25X1

25X1

25X1
25X1

25X1

25X1
25X1

25X1
25X1
25X1

25X1

25X1

25X1

Page Denied

TOP SECRET

25X1

REFERENCES

25X1

MAPS OR CHARTS

ACIC series, scale 1:200,000

DOCUMENT

1. CIA. V 6322, Firm No 7001849, data extracted from Air Intelligence Study AIS 3-34 AF-730515, *Arms Machinery and Steel Plant No 235, Volkinsk, USSR*, Jan 56 (SECRET)

REQUIREMENT

CIA. C-DI5-82,973

NPIC PROJECT

11212/66 (partial answer)

*Because of the number of missions covering Plant 235, only selected photography is listed.

TOP SECRET

25X1

25X1

Approved For Release 2006/11/08 : CIA-RDP02T06408R000400010019-6

TOP SECRET

TOP SECRET

Approved For Release 2006/11/08 : CIA-RDP02T06408R000400010019-6